

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Results of the Classical and Other Long-term Experiments 2022



Results of the
Classical and other
Long-Term Experiments
2022

[Full Table of Content](#)

Weather Summaries

Rothamsted Research

Rothamsted Research (2024) *Weather Summaries* ; Results Of The Classical And Other Long-Term Experiments 2022, pp 43 - 44

Weather Summaries

Rothamsted Research																
The Weather : Monthly Summary : 2022																
(Departure from the 30 year means (1991 - 2020) in brackets)																
	Sunshine		Maximum			Minimum			Mean Temperatures °C		In ground under grass		Rain		Drainage	
	Hours	(hours)	°C	(°C)	°C	(°C)	°C	(°C)	Dew point °C	Ground frosts* #	30 cm °C	100 cm °C	mm	Tipping Bucket days** #	20" Total mm	Wind *** km/hr
January	86.3	(+22.40)	7.6	(+0.53)	0.8	(-0.74)	1.9	19	6.2	8.2	23.4	(-50.69)	16	13.8	7.4	
February	90.0	(+3.82)	9.9	(+2.36)	3.0	(+1.50)	3.7	14	6.6	7.6	79.0	(+22.04)	19	21.0	12.8	
March	167.0	(+38.58)	11.8	(+1.50)	3.4	(+0.58)	4.4	16	7.6	7.9	34.1	(-12.93)	13	6.9	7.8	
April	197.5	(+25.44)	14.2	(+0.78)	4.1	(-0.41)	5.1	15	9.5	9.2	20.8	(-33.19)	8	0.1	8.8	
May	195.1	(-8.24)	17.9	(+1.42)	8.4	(+1.06)	9.1	4	13.0	11.4	33.9	(-19.33)	14	0.1	6.6	
June	253.6	(+47.85)	20.8	(+1.29)	10.0	(-0.20)	9.8	2	15.2	13.5	43.8	(-10.99)	13	1.7	6.4	
July	254.5	(+47.68)	24.9	(+2.93)	13.1	(+0.79)	11.8	0	17.4	15.4	11.7	(-43.74)	5	0.1	6.4	
August	245.6	(+56.19)	25.2	(+3.55)	13.9	(+1.62)	13.1	0	18.3	17.0	41.4	(-30.58)	5	0.1	6.2	
September	127.0	(-23.73)	18.5	(-0.05)	10.6	(+0.42)	11.1	4	16.2	16.4	77.9	(+20.14)	16	21.6	5.2	
October	147.6	(+34.59)	16.8	(+2.51)	9.2	(+1.62)	10.8	5	13.2	14.0	101.0	(+19.68)	18	58.2	6.6	
November	77.0	(+4.77)	11.8	(+1.69)	6.5	(+2.24)	7.6	9	11.0	12.3	131.7	(+50.46)	24	75.0	7.5	
December	71.4	(+10.58)	6.4	(-0.97)	0.1	(-1.90)	1.6	21	6.5	8.8	67.9	(-7.70)	16	46.6	7.6	
Year	1912.5	(+259.93)	15.5	(+1.44)	6.9	(+0.53)	7.5	109.0	11.7	11.8	666.7	(-96.83)	167.0	20.4	7.5	

* Number of nights grass minimum was below 0.0 °C

** Number of days rain was 0.2 mm or more

*** At 2 metres above the ground

Woburn Experimental Farm													
The Weather : Monthly Summary : 2022													
(Departure from 30-year means (1991 - 2020) in brackets)													
	Sunshine		Maximum				Mean Temperatures				Rain		Wind ***
	Hours	(hours)	°C	(°C)	Minimum	Dew Point	Ground	In ground under grass	30 cm	100 cm	Total	days **	
			°C	(°C)	°C	°C	#	°C	°C	°C	mm	#	km/hr
January	69.3	(+9.41)	8.2	(+0.84)	0.4	(-1.10)	1.6	19	5.6	8.4	16.4	14	7.9
February	92.1	(+9.14)	10.5	(+2.50)	3.3	(+1.92)	3.7	14	6.6	7.7	73.1	20	13.4
March	167.8	(+41.11)	12.3	(+1.63)	2.5	(-0.07)	4.5	19	7.7	8.0	36.4	16	6.4
April	193.4	(+26.14)	14.8	(+0.97)	3.2	(-0.82)	5.1	16	9.7	9.0	11.4	7	8.1
May	201.8	(+1.27)	18.8	(+1.81)	8.4	(+1.60)	9.0	4	14.0	11.5	33.7	16	7.9
June	245.8	(+47.17)	21.2	(+1.27)	9.5	(-0.17)	9.8	1	16.7	13.9	45.1	13	7.2
July	237.0	(+39.38)	25.5	(+3.10)	12.4	(+0.53)	11.7	0	19.2	16.0	6.8	5	6.9
August	249.6	(+59.86)	25.5	(+3.41)	12.4	(+0.49)	13.0	0	19.8	17.5	35.4	4	6.5
September	121.4	(-21.85)	19.5	(+0.46)	9.9	(+0.16)	11.0	7	16.3	16.9	43.0	19	5.6
October	136.2	(+25.72)	17.5	(+2.83)	9.1	(+1.89)	10.7	5	12.8	14.5	77.5	21	7.7
November	58.9	(-10.32)	12.4	(+2.02)	6.8	(+2.79)	7.4	6	10.4	12.9	82.6	22	8.5
December	40.3	(-14.14)	6.7	(-0.94)	-0.3	(-2.06)	1.0	20	5.4	9.6	58.1	19	7.6
Year	1813.6	(+212.89)	16.1	(+1.63)	6.5	(+0.40)	7.4	111.0	12.0	12.2	519.6	176.0	7.8

* Number of nights grass minimum was below 0.0 °C

** Number of days rain was 0.2 mm or more

*** At 2 metres above the ground